IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

DOCKET NO.: 3336.1016-001

Applicants: Foster D. Hinshaw, Sanjay G. Dixit, John K. Metzger, David L. Meyers, Venkannababu

Tammisetti, Premanand Yerabothu and Barry M. Zane

Title: ASYMMETRIC STREAMING RECORD DATA PROCESSOR METHOD AND

APPARATUS

Date: <u>7//8/03</u> EXPRESS MAIL LABEL NO. <u>EV 2/5/30655</u> U.S.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

(Filed after payment of issue fee)

Sir:			
This I	Information Disclosure Statement is submitted:		
[]	under 37 CFR 1.129(a), or (First/Second submission after Final Rejection)		
[X]	under 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national state in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, a Request for Continued Examination).		
[]	under 37 CFR 1.97(c) together with either: [] a Statement under 37 CFR 1.97(e), as checked below, or [] a \$180.00 fee under 37 CFR 1.17(p), or (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)		
[]	under 37 CFR 1.97(d) together with: [] a Statement under 37 CFR 1.97(e), as checked below, and [] a \$180.00 fee under 37 CFR 1.17(p), or (Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)		
[]	under 37 CFR 1.97(i): Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.		

Staten	nent U	nder 37 (CFR 1.97(e)	
]	comn	nunicatio	information contained in this Information Disclosure Statement was first cited in any on from a foreign patent office in a counterpart foreign application not more than prior to the filing of this Information Disclosure Statement; or	
]	No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.			
Staten	nent Ui	nder 37	CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000	
]	comn was n	nunication of received	information contained in the Information Disclosure Statement was cited in a on from a foreign patent office in a counterpart application and this communication wed by any individual designated in § 1.56(c) more than thirty days prior to the filing ation Disclosure Statement.	
[X]	Enclosed herewith is form PTO-1449:			
	[]	Copie	s of the cited references are enclosed.	
		[X]	Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.	
	[]	Appli	s of the cited references are enclosed except those entered in prior application, U.S. cation No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier ation contains copies of the cited references.]	
	[]	The li foreig	sted references were cited in the enclosed International Search Report in a counterparn application.	t
	[]	The "o	concise explanation" requirement (non-English references) for reference(s) [37 CFR 1.98(a)(3) is satisfied by:	
		[]	the explanation provided on the attached sheet.	
		[]	the explanation provided in the Specification.	
		[]	submission of the enclosed International Search Report.	
		[]	submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.	
		[]	the enclosed English language abstract.	

[]	Appli	cant requests that the following r	on-published pending appli	cations be considered:
Examiner's Initials				
		U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
<u>.</u>		U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
		U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
		Examiner	Date	_
	[]	A copy of each above-cited app	olication, including the curre	nt claims, is enclosed.
	[]	A copy of each above-cited apprehase entered in prior application. U.S.C. 120 is claimed.	olication, including the curre on, U.S. Application No. [nt claims, is enclosed, except], to which priority under 35
The E	xamine	r is requested to return a copy of ere considered with the next offic	the above list of pending ap e communication.	plications indicating which
It is re	questec	I that the information disclosed h	erein be made of record in t	his application.
Metho	d of pa	yment:		
[]	A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.			
[]	Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.			
[X]	Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.			Deposit Account 08-0380.
		I	Respectfully submitted,	
		I	HAMILTON, BROOK, SMI	TH & REYNOLDS, P.C.
		I	By May January Jr.	
			Registration No.: 31,671 Telephone: (978) 341-0036 Facsimile: (978) 341-0136	
Conce	ord MA	01742-9133		

Concord, MA Dated:

9/18/03

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION	APPLICANT Foster D. Hinshaw et al.		
September 17, 2003	FILING DATE	CONFIRMATION NO.	GROUP

(Use several sheets if necessary)

	U.S. PATENT DOCUMENTS			
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	AA	5,884,299	03/16/99	Ramesh et al.
	AB	5,937,415	08/10/99	Sheffield et al.
	AC	6,138,118	10/24/00	Koppstein et al.
	AD	6,339,772 B1	01/15/02	Klein et al.
	AE	2002/0038313 A1	03/28/02	Klein et al.
	AF	6,415,373 B1	07/02/02	Peters et al.
	AG	2002/0161748 A1	10/31/02	Hamel et al.
	АН	6,493,701 B2	12/10/02	Ponnekanti
	AI	6,507,834	01/14/03	Kabra et al.
	AJ	6,542,886 B1	04/01/03	Chaudhuri et al.
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EXAMINER	DATE CONSIDERED